



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
0171-1024PAPPLICATION NO.  
10/676,027APPLICANT  
Shinichi SATOFILING DATE  
October 2, 2003GROUP  
1712**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
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	US						
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	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	JP	2000-80190	A	2000-03-21	JAPAN			ABS	
	<del>WO</del>	<del>85/02205</del>	<del>A1</del>	<del>1985-05-23</del>	<del>WIPO</del>				
	DE	32 03 698	A1	1982-09-02	GERMANY			ABS	
	EP	0 676 445	B1	2000-08-30	EUROPE				
	EP	0 587 295	A1	1994-03-16	EUROPE				

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

DATE CONSIDERED

EXAMINER Initial: If citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

GMM GMM/las